

MODULAR PROFILE

PT Wijaya Karya Bangunan Gedung Tbk

The Global Living Solution
For a Better Future

 MODULAR



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ABOUT MODULAR

“Modular construction is a process in which a building is **constructed off-site, under controlled plant conditions, using the same materials and designing to the same codes and standards** as conventionally built facilities – but in about half the time or less.

Buildings are produced in “modules” that when put together on site, reflect the identical design intent and specifications of the most sophisticated site-built facility – without compromise ”

Source: Modular Building Institute



MODULE SPECIFICATION

Dimension (p x l x t)	5.24 x 2.62 x 3.00 m
Frame	
Mainframe	Embedded steel plate SS400
Roof	Steel plate 2 mm
Floor plate	GRC super panel 15 mm
Finishing	
Floor finish	Vinyl tile 3 mm
Wall	Sandwich panel 50 mm
Wall insulation	Polystyrene foam
Door & window	Sandwich Panel + <u>Clearglass</u> 5 mm
Hardware	Standard
Plafond	PVC 8mm
Plafond Insulation	Mineral Wool 50 mm density 60kg/m3
Electrical	
Electrical capacity	3300 VA per module
Industrial socket	Max 4400 VA per module
Single switch	4 unit
Power outlet	1 unit
AC outlet	1 unit
Lights	8 line, 1 unit outlet
Box MCB	2 unit TL
MCB	2 unit (main MCB & distribution MCB)
Cable	NYM 3x2,5 ; 2x1,5 ; 3x1,5

Area/ Module	: 13,72 m2
Weight/ Module	: ± 1,5 ton
Load Capacity	: 200 kg/m2



MODULE SPECIFICATION

Dimension (p x l x t)	6.00 x 3.00 x 3.00 m
Frame	
Mainframe	Embedded steel plate SS400
Roof	Corrugated Roof
Floor plate	GRC super panel 18 mm
Finishing	
Floor finish	Vinyl tile 3 mm
Wall	Sandwich panel 50 mm
Wall insulation	Polystyrene foam
Door & window	Sandwich Panel + <u>Clearglass</u> 5 mm
Hardware	Standard
Plafond	PVC 8mm
Plafond Insulation	Mineral Wool 50 mm density 60kg/m3
Electrical	
Electrical capacity	3300 VA per module
Industrial socket	Max 4400 VA per module
Single switch	4 unit
Power outlet	1 unit
AC outlet	1 unit
Lights	8 line, 1 unit outlet
Box MCB	2 unit TL
MCB	2 unit (main MCB & distribution MCB)
Cable	NYM 3x2,5 ; 2x1,5 ; 3x1,5

Area/ Module	: 18.00 m2
Weight/ Module	: ± 900 kg
Load Capacity	: 200 kg/m2



MODULAR RECENT PROJECTS



PIT BUILDING

Pertamina Mandalika International Street Circuit

GALLERY & OFFICE KEET



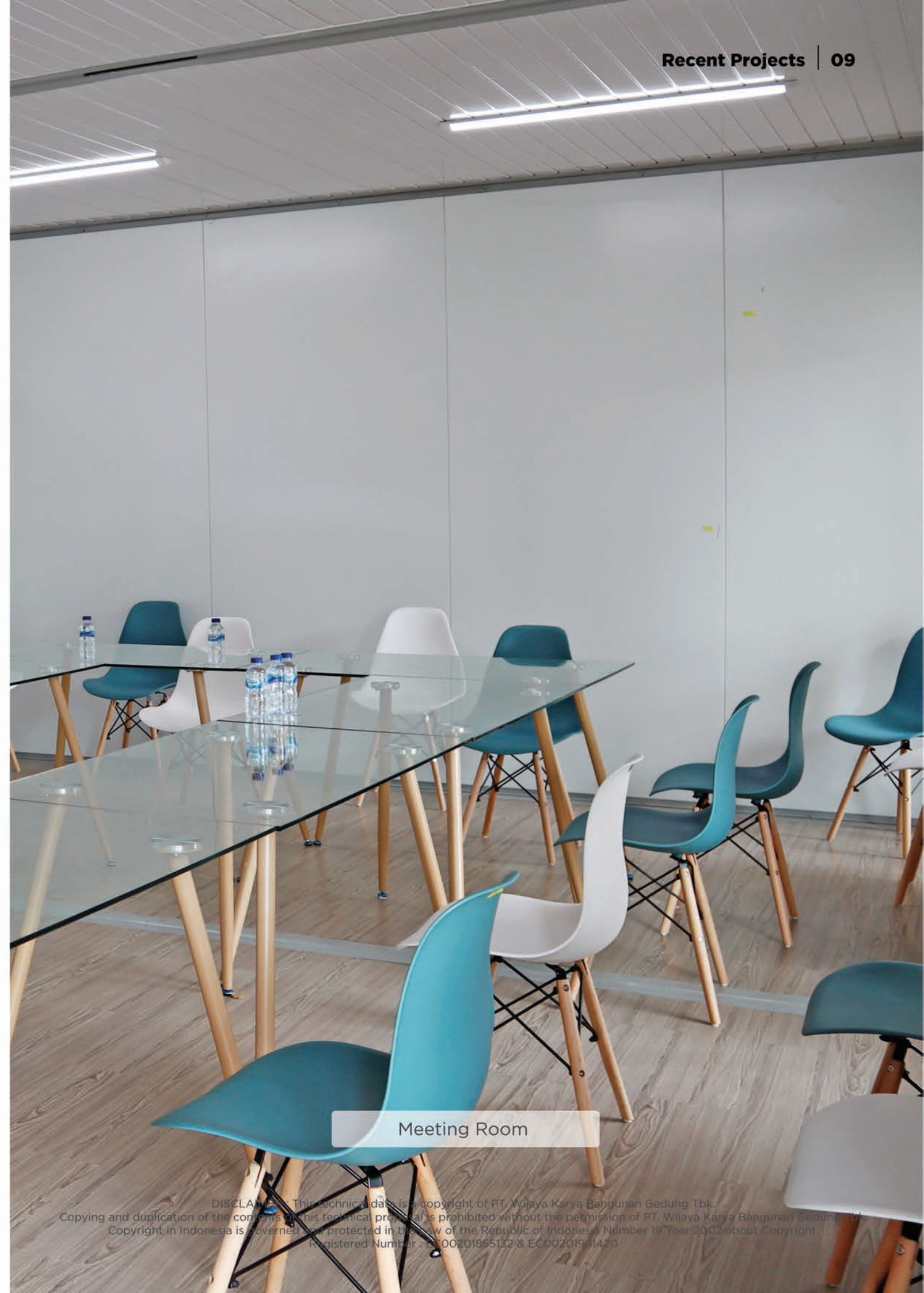
Gallery Benoa Bali



Lounge Terrace



Gallery Area



Meeting Room

HOSPITAL



Rumah Sakit Modular Tanjung Duren

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Corridor Area



Inpatient Room



Recreational Room

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COMMERCIAL



Cafe @Velodrome

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Halal Park @Terminal 3



Halal Park @Terminal 3



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PIT BUILDING & PADDOCK FACILITIES



Pit Building @Pertamina Mandalika International Street Circuit



Indonesia President at Pit Balcony



VIP Lounge

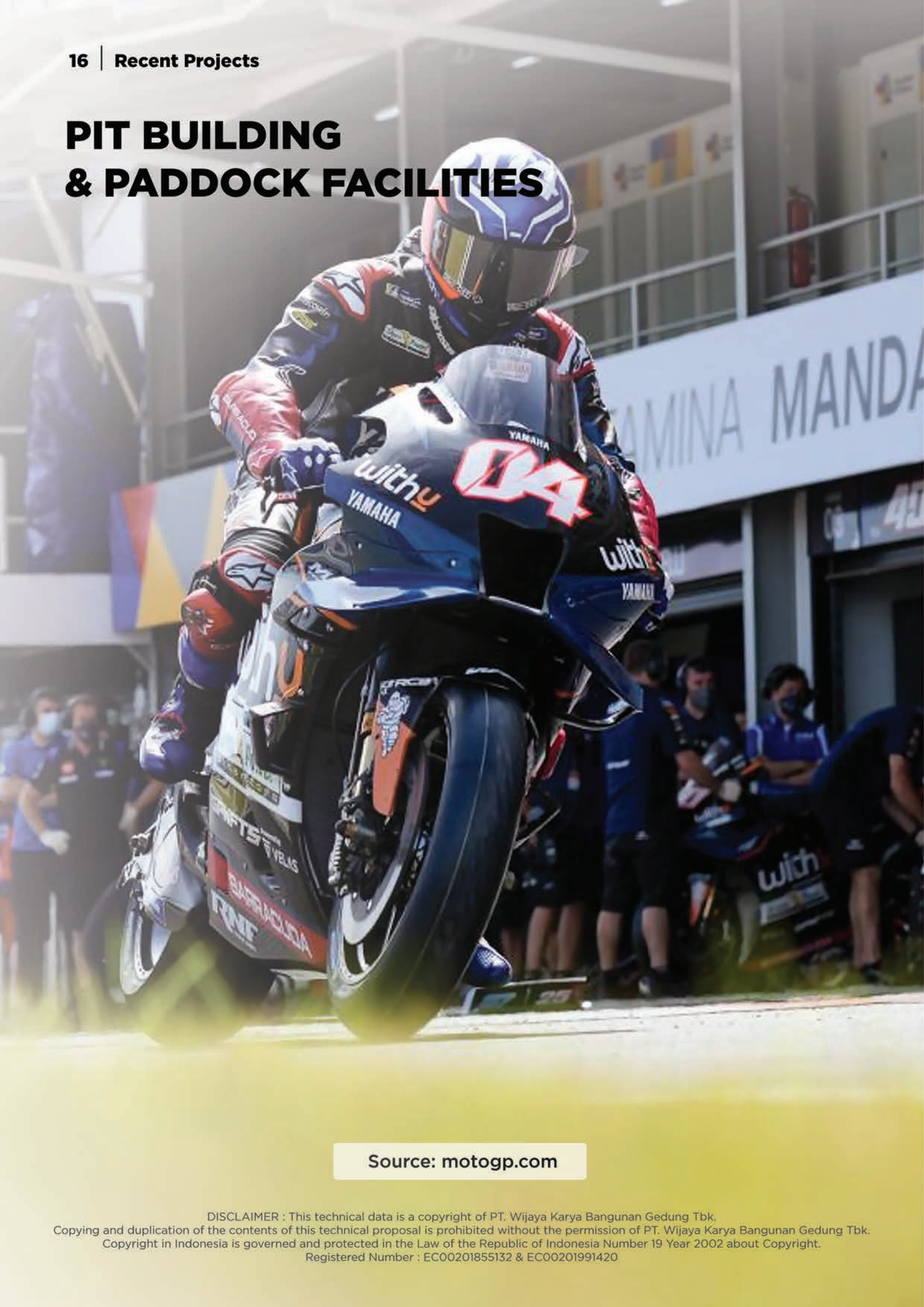


Pit Building



Office

PIT BUILDING & PADDOCK FACILITIES



Source: motogp.com

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Source: Instagram @karbearv



Source: Instagram @omeshomesh

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PIT BUILDING & Paddock FACILITIES



Source: Instagram @pergijauh



Source: <https://tniad.mil.id/>

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PERTAMINA GRAND PRIX OF INDONESIA

Pertamina Mandalika Circuit | 2022



Source: <https://indonesia.go.id/>

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MODULAR NEXT DEVELOPMENT

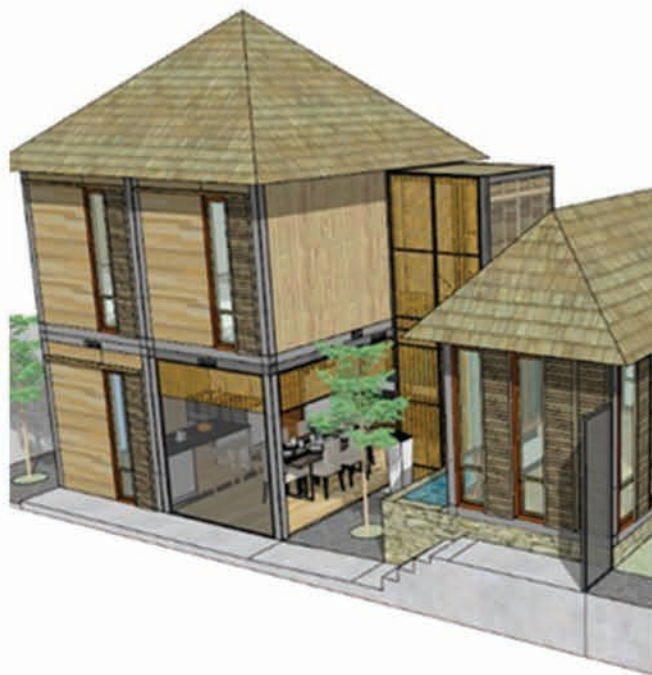
HOUSING



Housing | Front Side



Housing | Front Side



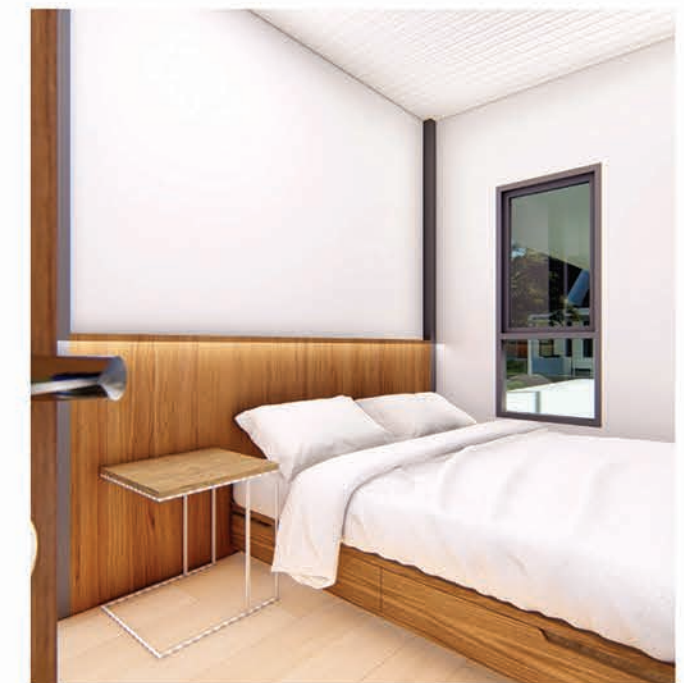
Front Side



Front Side



Living Room



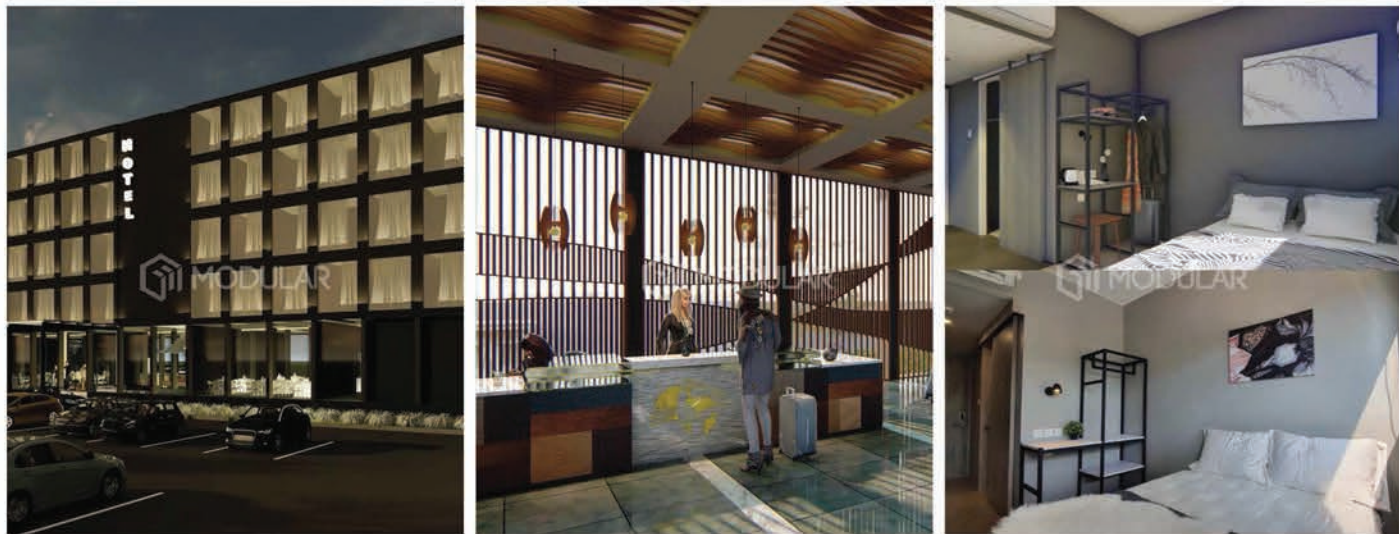
Bed Room

HOTEL/RESORT



Front Side

Detail Picture Product



Detail Picture Product



Inside Room



Inside Room

DORMITORY



Environment Side

Detail Picture Product



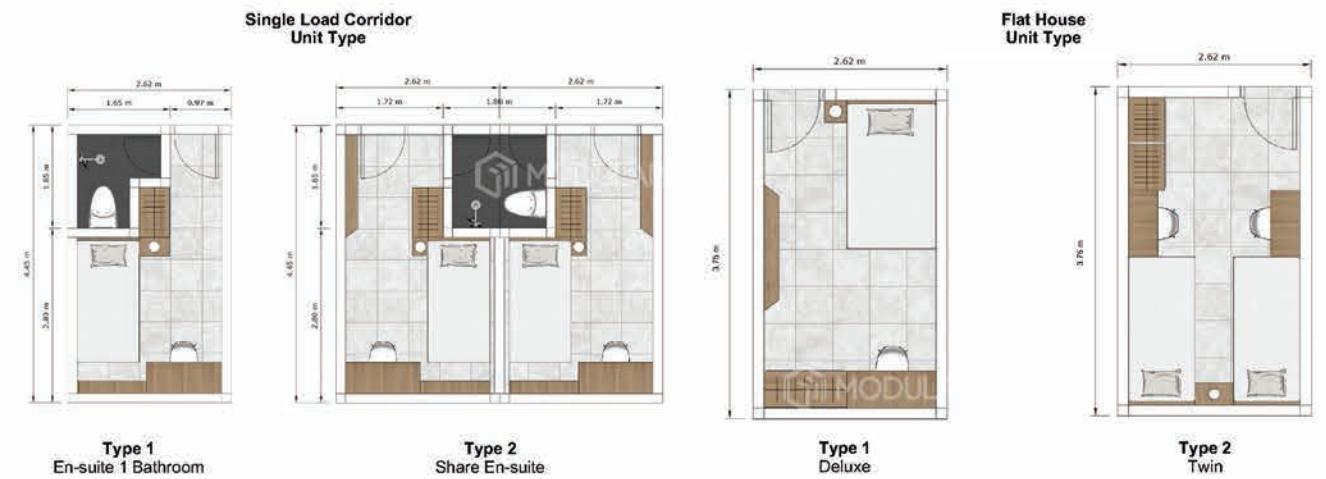
Environment Side



Environment Side



Detail Picture Product



SCHOOL



Environment Side

Detail Picture Product



Inside Room



Inside Room

CLINIC



Front Side



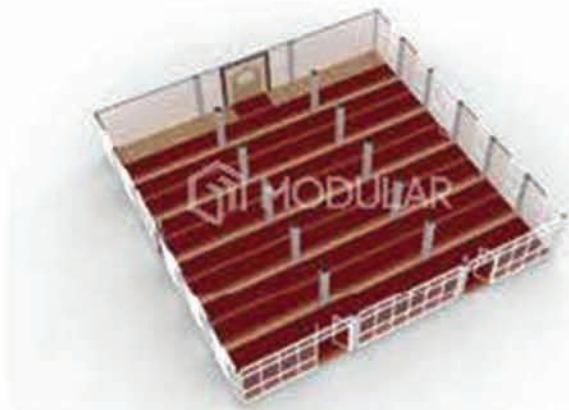
Inside Room

MOSQUE

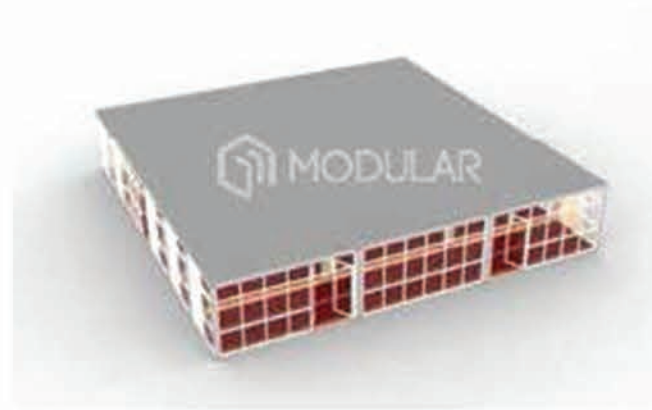


Inside Room

Detail Picture Product



Another Design



Another Design

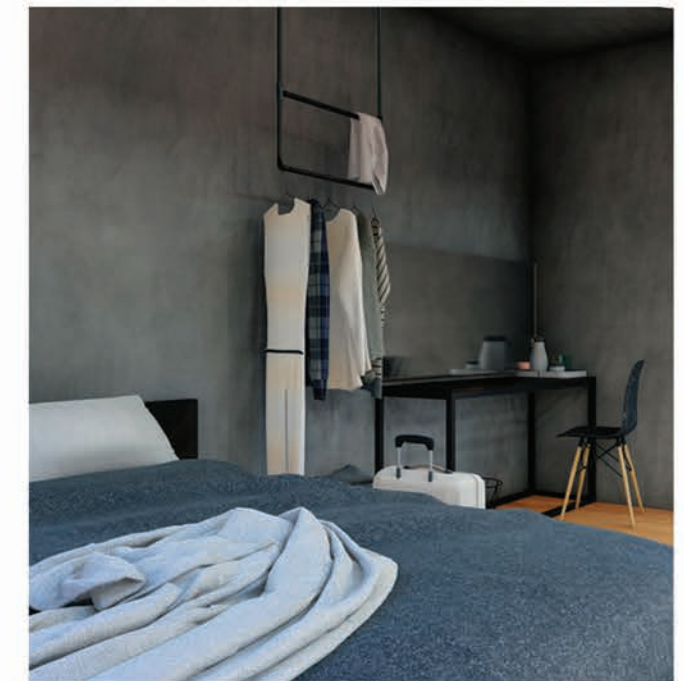
MOLA



MOLA (Modular Villa)



Floor Plan Isometric View



Bed Room

PUBLIC HEALTH CENTER



Environment Side

Detail Picture Product



Inside Room



Front Side

HOSPITAL



Observation and Quarantine Facility for Covid-19 Pulau Galang, Batam



Pertamina Jaya Hospital



Site Plan RSPG Extension Simprug

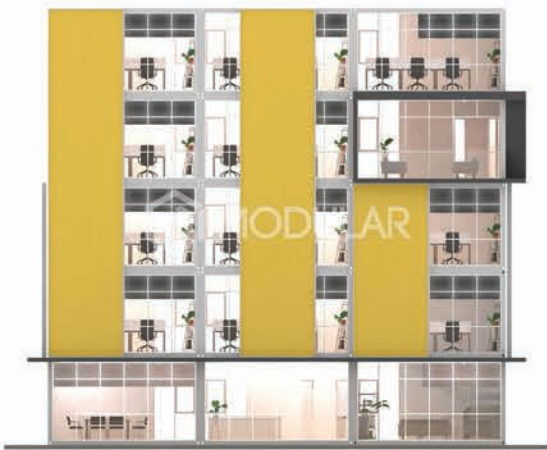
OFFICE



Office 5 Floor



Office 3 Floor



Front view



Side view

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3D Design



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COWORKING SPACE



Detail Picture Product



3D Design



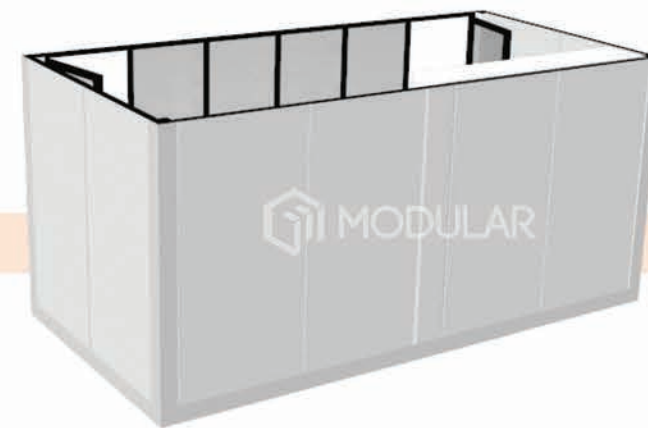
RETAIL BOOTH



**MODULAR
FASHION**

Detail Picture Product

Detail Picture Product



Back Side



Up Side

RETAIL BOOTH



MODULAR CAFE

Modular Cafe



MODULAR Food & Beverage



Modular Cafe



Modular Cafe

Detail Picture Product



Back Side



Up Side

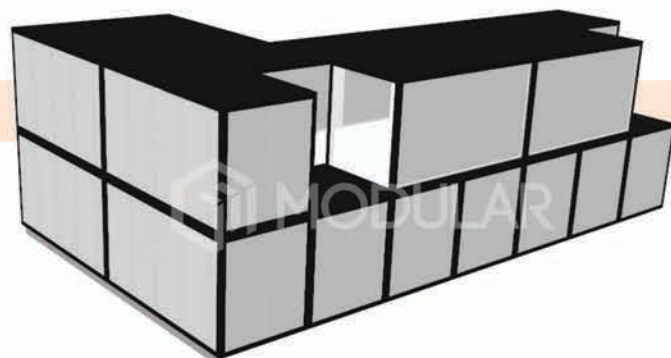
RETAIL BOOTH

MODULAR SHOWROOM



Front Side

Detail Picture Product



Back Side



Up Side



Barrack



Barrack



Barrack

RETAIL BOOTH



MODULAR
KIOSK

Type Product



Another Design



Another Design

Detail Picture Product



SPASI



SPASI Modular



Detail



Front Side



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